

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-007779**Date Inspected:** 07-Jul-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1845**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 645**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Lu Li Qing**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG and Tower**Summary of Items Observed:**

Summary of Items Observed: On this date Caltrans OSM Quality Assurance (QA) Inspector, Larry Viars was present during the times noted above for observations relative to the work being performed.

Bay 1-

QA inspector observed FCAW welding of weld joints 141 and 159 located on CB201G-014. ZPMC welder was identified as 054460 . ZPMC QC is identified as Chen Xi. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2132-3.

Bay 3-

QA Inspector observed the following work in progress: FCAW welding of weld joints 010 and 022 located on Floor beam FB003-188. ZPMC welder was identified as 044790 . ZPMC QC is identified as Chen Xi. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2233-TC-U4b-F.

Bay 6-

This QA Inspector observed the following work in progress: SMAW welding of weld joints 046 and 054 located on Strut Plate WD1-A305-53M-1. ZPMC welders were identified as 068091 and 037932 . ZPMC QC is identified as Zou Liu Hai. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2113.

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FCAW welding of weld joint 002 located on Floor beam FB003-184. ZPMC welder was identified as 070101. ZPMC QC is identified as Chen Xi. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2133.

Bay 13-

This QA Inspector observed the following work in progress: FCAW welding of Deck Panel Diaphragm weld joint SEG-043-019 located at panel point 62 of Segment 8AW . ZPMC welders were identified as 216086 . ZPMC QC is identified as Lu Li Qing. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2213-B-U2.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

As identified within the contents of this report.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 150 0042 2372, who represents the Office of Structural Materials for your project.

Inspected By:	Viars,Larry	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
